

ARSA Regulatory Compliance Training—Questions

Part 43 Maintenance, Preventive Maintenance, Rebuilding and Alteration Level 1 For anyone working in aviation

§ 43.3(j)-(k) Persons authorized to perform maintenance, preventive maintenance rebuilding and alterations. (Part 3)

- (j) A manufacturer may—
 - (1) Rebuild or alter any aircraft, aircraft engine, propeller, or appliance manufactured by him under a type or production certificate;
 - (2) Rebuild or alter any appliance or part of aircraft, aircraft engines, propellers, or appliances manufactured by him under a Technical Standard Order Authorization, an FAA-Parts Manufacturer Approval, or Product and Process Specification issued by the Administrator; and
 - (3) Perform any inspection required by part 91 or part 125 of this chapter on aircraft it manufactured under a type certificate, or currently manufactures under a production certificate.
- (k) Updates of databases in installed avionics meeting the conditions of this paragraph are not considered maintenance and may be performed by pilots provided:
 - (1) The database upload is:
 - (i) Initiated from the flight deck;
 - (ii) Performed without disassembling the avionics unit; and
 - (iii) Performed without the use of tools and/or special equipment.
 - (2) The pilot must comply with the certificate holder's procedures or the manufacturer's instructions.
 - (3) The holder of operating certificates must make available written procedures consistent with manufacturer's instructions to the pilot that describe how to:
 - (i) Perform the database update; and
 - (ii) Determine the status of the data upload.

Question 1: A manufacturer may rebuild or alter any aircraft or appliance manufactured by it under a type or production certificate.

- A: True.
- B: False.

Question 3: Under § 43.3(k), a pilot may perform a database update if s/he:

- A: Initiates the update on the airport grounds, does not disassemble the avionics unit or uses tools, and complies with the pilot's certificate.
- B: Does not disassemble the avionics unit or uses tools, and the holder of the operating certificate makes the written procedures available.
- C: Does not disassemble the avionics unit or uses tools or special equipment, initiates the update from the flight deck, complies with certificate holder's procedures or manufacturer's instructions, and the operating certificate holder has made written procedures available.
- D: Can complete the update without disassembling the avionics unit.

Question 2: Database updates in installed avionics meeting the conditions of § 43.3(k) are considered maintenance.

- A: True.
- B: False.

Question 4: A manufacturer can perform an inspection required by Parts 91 or 125 on an aircraft that it manufactured under:

- A: A technical standard order authorization.
- B: A type certificate or an active production certificate.
- C: A process specification.
- D: All of the above

Name and/or Identification _____
 Clearly Print the Name and/or Identification of the Person Taking the Test

Score _____
 Enter as x (number correct) of y (number of questions)

Approved by _____
 Signature of Supervisor or Person Administering Test

Date _____
 Date Test was Completed

Hours _____
 Time Credited for Test

ARSA Regulatory Compliance Training—Answers

Part 43 Maintenance, Preventive Maintenance, Rebuilding and Alteration Level 1 For anyone working in aviation

§ [43.3\(j\)-\(k\)](#) Persons authorized to perform maintenance, preventive maintenance rebuilding and alterations. (Part 3)

- (j) A manufacturer may—
- (1) Rebuild or alter any aircraft, aircraft engine, propeller, or appliance manufactured by him under a type or production certificate;
 - (2) Rebuild or alter any appliance or part of aircraft, aircraft engines, propellers, or appliances manufactured by him under a Technical Standard Order Authorization, an FAA-Parts Manufacturer Approval, or Product and Process Specification issued by the Administrator; and
 - (3) Perform any inspection required by part [91](#) or part [125](#) of this chapter on aircraft it manufactured under a type certificate, or currently manufactures under a production certificate.
- (k) Updates of databases in installed avionics meeting the conditions of this paragraph are not considered maintenance and may be performed by pilots provided:
- (1) The database upload is:
 - (i) Initiated from the flight deck;
 - (ii) Performed without disassembling the avionics unit; and
 - (iii) Performed without the use of tools and/or special equipment.
 - (2) The pilot must comply with the certificate holder's procedures or the manufacturer's instructions.
 - (3) The holder of operating certificates must make available written procedures consistent with manufacturer's instructions to the pilot that describe how to:
 - (i) Perform the database update; and
 - (ii) Determine the status of the data upload.

Question 1: A manufacturer may rebuild or alter any aircraft or appliance manufactured by it under a type or production certificate.

- A: True. See § [43.3\(j\)\(1\)](#).
B: False.

Question 2: Database updates to installed avionics meeting the conditions of § [43.3\(k\)](#) are considered maintenance.

- A: True.
B: **False. Database updates are not considered maintenance provided they are performed by pilots under the specified conditions.**

Question 3: Under § [43.3\(k\)](#), a pilot may perform a database update if s/he:

- A: Initiates the update on the airport grounds, does not disassemble the avionics unit or uses tools, and complies with the pilot's certificate.
B: Does not disassemble the avionics unit or uses tools, and the holder of the operating certificate makes the written procedures available.
C: **Does not disassemble the avionics unit or uses tools or special equipment, initiates the update from the flight deck, complies with certificate holder's procedures or manufacturer's instructions, and the operating certificate holder has made written procedures available.**
D: Can complete the update without disassembling the avionics unit.

Question 4: A manufacturer may perform an inspection required by Parts [91](#) or [125](#) on an aircraft that it manufactured under:

- A: A technical standard order authorization.
B: **A type certificate or an active production certificate. See § [43.3\(j\)\(3\)](#).**
C: A process specification.
D: All of the above.